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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED DECEMBER, 1985

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

ISSUE NO. 12
RELEASE DATE: February 18, 1986

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

SPI

SECTION I

CRS

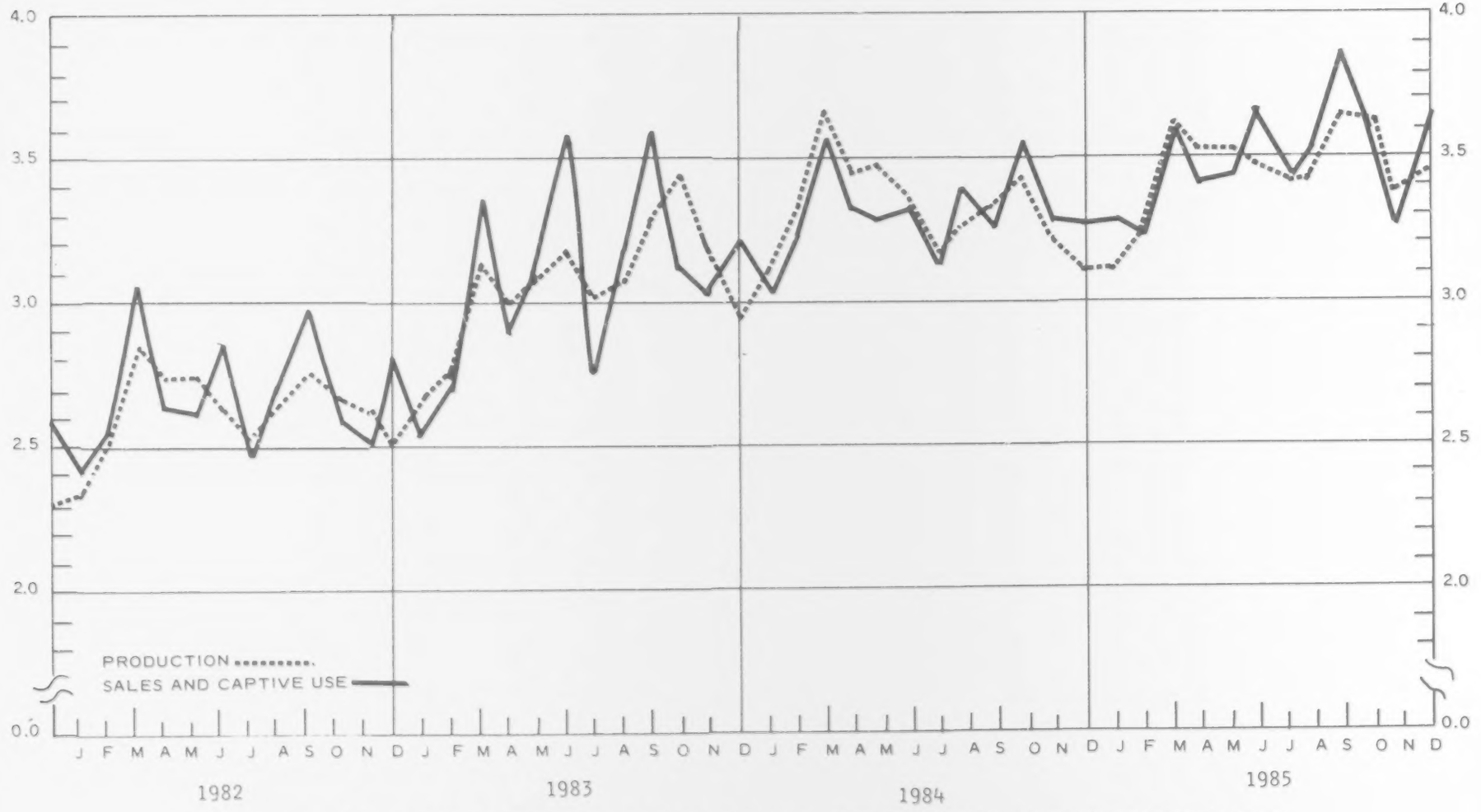
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

December 1985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PRODUCTION
SALES AND CAPTIVE USE
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

DECEMBER 1985

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
EPOXY RESINS, TOTAL	24,651	24,131	+2.2	367,211R	378,816	-3.1	34,312	31,845	+7.7	384,624	405,865	-5.2
POLYESTER (UNSATURATED) RESINS, TOTAL	83,622	81,775	+2.3	1,231,783R	1,230,547	+0.1	81,244	82,388	-1.4	1,222,359R	1,231,561	-0.7
UREA RESINS, TOTAL	96,354	93,269	+3.3	1,250,105	1,189,181	+5.1	96,765	92,439	+4.7	1,257,689	1,198,520	+4.9
MELAMINE RESINS, TOTAL	14,739	12,661	+16.4	192,675	197,177	-2.3	13,563	14,262	+4.9	190,555	209,660	-9.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	218,799	193,246	+13.2	2,673,713R	2,509,874	+6.5	218,509	193,488	+12.9	2,662,874R	2,502,234	+6.4
THERMOSETTING RESINS, TOTAL	438,165	405,082	+8.2	5,715,487R	5,505,595	+3.8	444,393	414,422	+7.2	5,718,101R	5,547,840	+3.1
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	779,295	770,970	+1.1	8,777,650R	8,416,086	+4.3	738,630	641,078	+15.2	8,883,779R	8,412,665	+5.6
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	638,007	503,318	+26.8	6,641,734R	5,948,998	+11.6	581,500	442,328	+31.5	6,663,683	6,085,132	+9.5
POLYPROPYLENE, TOTAL	495,056	391,145	+26.6	5,275,109R	4,816,357	+9.5	433,315	407,414	+6.4	5,142,101R	4,939,859	+4.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	80,516	91,912	-12.4	1,010,418	1,098,486	-8.0	84,318	85,558	-1.4	1,027,739	1,128,333	-8.9
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	4,871	5,023	-3.0	84,660	88,431	-4.3	6,879	6,057	+13.6	93,127	99,194	-6.1
POLYSTYRENE RESINS, TOTAL	359,819	290,821	+23.7	4,093,010R	3,835,620	+6.7	354,361	316,107	+12.1	4,053,046R	3,838,498	+5.6
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL	54,186	57,912	-6.4	778,427R	748,996	+3.9	51,770	61,596	-16.0	736,163	745,109	-1.2
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,485	20,725	-6.0	262,612	233,236	+12.6	17,590	21,543	-18.3	271,944	253,670	+7.2
NYLON RESINS, TOTAL	32,025	28,719	+11.5	402,850R	389,039	+3.6	34,103	23,842	+43.0	398,345	396,153	+0.6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	598,450	583,068	+2.6	6,700,806	6,798,434	-1.4	589,427	614,855	-4.1	6,750,893	6,759,959	-0.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	45,904	47,184	-2.7	674,176	690,375	-2.3	* 45,904	* 47,184	-2.7	* 674,176	* 690,375	-2.3
POLYVINYL ALCOHOL, TOTAL #	12,158	11,222	+8.3	145,870	138,757	+5.1	12,728	5,650	+125.3	138,352	138,465	-0.0
OTHER VINYL RESINS, TOTAL	15,857	15,843	+0.0	187,891	186,619	+0.7	16,504	14,744	+11.9	189,699	187,209	+1.3
THERMOPLASTIC POLYESTER, TOTAL	86,705	75,133	+15.4	955,732R	859,478	+11.2	86,647	71,876	+20.6	964,675	899,115	+7.3
THERMOPLASTIC RESINS, TOTAL	3,222,334	2,892,995	+11.4	35,990,945R	34,248,912	+5.1	3,053,676	2,759,832	+10.6	35,987,722R	34,573,736	+4.1
GRAND TOTAL	3,660,449	3,298,077	+11.0	41,706,432R	39,754,507	+4.9	3,498,069	3,174,254	+10.2	41,705,823R	40,121,576	+3.9

(1) = Except phenolic resins which are reported on a gross weight basis
* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.
# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

DECEMBER 1985

RESIN KIND	DECEMBER				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	34	1	8	27	385	13	89	309	4%
POLYESTER (UNSATURATED) RESINS, TOTAL	81	0	3	78	1,222	4	42	1,184	0%
UREA RESINS, TOTAL	97	2	0	99	1,258	21	7	1,272	2%
MELAMINE RESINS, TOTAL	14	0	1	13	191	2	14	179	1%
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	219	2	2	219	2,663	35	34	2,664	1%
THERMOSETTING RESINS, TOTAL	445	5	14	436	5,719	75	186	5,608	1%
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	739	36	59	716	8,884	484	1,020	8,348	6%
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	582	3	83	502	6,664	38	798	5,904	1%
POLYPROPYLENE, TOTAL	433	1	49	385	5,142	12	815	4,339	0%
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	84	5	5	84	1,028	62	96	994	6%
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7	0	0	7	93	9	10	92	10%
OTHER STYRENICS	69	3	5	67	1,008	37	32	1,013	4%
POLYSTYRENE, TOTAL	354	0	7	347	4,053	28	102	3,979	1%
NYLON RESINS, TOTAL	34	1	3	32	398	35	40	393	9%
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	589	18	25	582	6,751	379	240	6,890	6%
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	46	4	4	46	674	24	25	673	4%
POLYVINYL ALCOHOL, TOTAL	13	1	2	12	138	40	29	149	27%
OTHER VINYL RESINS, TOTAL	17	1	4	14	190	30	43	177	17%
THERMOPLASTIC POLYESTER, TOTAL	87	1	14	74	965	16	170	811	2%
THERMOPLASTIC RESINS, TOTAL	3,054	74	260	2,868	35,988	1,194	3,420	33,762	4%
GRAND TOTAL	3,499	79	274	3,304	41,707	1,269	3,606	39,370	3%

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

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Sources: Production — SPI Monthly Statistical Report
Imports — Bureau of Census IM 146
Exports — Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOSETTING RESINS

DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
EPOXY RESINS, TOTAL	24,651	24,131	+2.2	367,211R	378,816	-3.1	34,312	31,845	+7.7	384,624	405,965	-5.2
Total Exports	3,353	3,097	+8.3	42,164R	41,098	+2.6						
Captive Use, Total	945	*		15,184	*							
Domestic Sales, Total	20,353	*		309,863R	*							
Domestic Sales & Captive Use, Total	21,298	21,034	+1.3	325,047R	337,718	-3.8						
Bonding & Adhesives	1,317	1,399	-5.9	17,437R	19,925	-12.5						
Flooring, Paving & Exposed Aggregate	1,403	1,497	-6.3	17,151R	17,971	-4.6						
Protective Coatings	10,543	9,668	+9.1	168,397R	153,179	+9.9						
Fiber Reinforced Laminates & Composites, Total	4,240	4,784	-11.4	68,582	86,761	-21.0						
FRL&C for Printed Wiring Board	2,519	2,964	-15.0	42,920R	59,990	-28.5						
All Other FRL&C	1,721	1,820	-5.4	25,662R	26,771	-4.1						
Tooling, Casting & Molding Resins	1,582	1,810	-12.6	23,358R	31,034	-24.7						
All Other Uses	2,213	1,876	+18.0	30,122R	28,848	+4.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	83,622	81,775	+2.3	1,231,783R	1,230,547	+0.1	81,244	82,388	-1.4	1,222,359R	1,231,561	-0.7
Total Exports	742	597	+24.3	9,025	8,086	+11.6						
Total Domestic	82,880	81,178	+2.1	1,222,758R	1,222,461	+0.0						
General Purpose Resins, Total	72,087	70,874	+1.7	1,074,429R	1,090,036	-1.4						
General Purpose – Thixotropic	32,896	32,259	+2.0	477,712R	493,464	-3.2						
General Purpose – Press Molding	10,205	14,704	-30.6	167,028	196,148	-14.8						
General Purpose – All Other	28,986	23,911	+21.2	429,689R	400,424	+7.3						
Flame Retardant Resins	1,648	2,006	-17.8	23,510R	24,866	-5.5						
Chemical Resistant Resins	9,145	8,298	+10.2	124,819R	107,559	+16.0						
Chemical Resistant Isophthalic Resins	6,513	5,701	+14.2	92,059R	75,696	+21.6						
All Other Chemical Resistant Resins	2,632	2,597	+1.3	32,760R	31,863	+2.8						
Reinforced Plastics, Total	63,111	62,724	+0.6	942,434	939,069	+0.4						
Non-Reinforced Plastics, Total	19,769	18,454	+7.1	280,324R	283,392	-1.1						

* = Comparable 1984 data not available

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R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
UREA RESINS, TOTAL	96,354	93,269	+3.3	1,250,105R	1,189,181	+5.1	96,765	92,439	+4.7	1,257,689R	1,198,520	+4.9
MELAMINE RESINS, TOTAL	14,739	12,661	+16.4	192,675R	197,177	-2.3	13,563	14,262	-4.9	190,555R	209,660	-9.1
UREA & MELAMINE RESINS, TOTAL	111,093	105,930	+4.9	1,442,780R	1,386,358	+4.1	110,328	106,701	+3.4	1,448,244R	1,408,180	+2.8
Total Exports	D	D		D	D							
Total Domestic*	111,093	105,930	+4.9	1,442,780R	1,386,358	+4.1						
Textile Treating & Coating Resins	1,279	1,407	-9.1	17,207	22,796	-24.5	1,866	2,014	-7.3	25,473	26,661	-4.5
Paper Treating & Coating Resins	7,538	7,524	+0.2	97,004	97,956	-1.0	8,076	8,121	-0.6	104,822	104,409	+0.4
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	85,819	83,534	+2.7	1,105,516R	1,046,881	+5.6	85,542	81,920	+4.4	1,107,099R	1,054,630	+5.0
Laminating	3,234	3,063	+5.6	45,321R	44,095	+2.8	3,177	2,965	+7.2	44,928	45,090	-0.4
Plywood	4,422	4,767	-7.2	58,578R	58,986	-0.7	4,573	4,664	-2.0	58,847	61,114	-3.7
Fibrous & Granulated Wood (Particle Board)	78,163	75,704	+3.2	1,001,617R	943,800	+6.1	77,792	74,291	+4.7	1,003,324R	948,426	+5.8
Protective Coatings (Straight & Modified)	6,005	5,352	+12.2	88,959	84,391	+5.4	6,112	7,591	-19.5	93,031	108,184	-14.0
All Other Uses (Includes Molding Compounds, and Exports)	10,452	8,113	+28.8	134,094R	134,334	-0.2	8,732	7,055	+23.8	117,819R	114,296	+3.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	218,799	193,246	+13.2	2,673,713R	2,509,874	+6.5	218,509	193,488	+12.9	2,662,874R	2,502,234	+6.4
Total Exports	1,999	1,695	+17.9	20,843	21,936	-5.0						
Total Domestic	216,800	191,551	+13.2	2,652,870R	2,487,938	+6.6						
Molding Compounds	15,196	14,759	+3.0	211,755	238,222	-11.1	17,554	16,286	+7.8	231,816	262,252	-11.6
Bonding & Adhesive Resins for:	194,454	171,744	+13.2	2,372,030R	2,190,502	+8.3	192,844	172,229	+12.0	2,359,346	2,177,916	+8.3
Laminating	11,148	11,099	+0.4	143,000	149,186	-4.1	9,269	10,222	-9.3	123,980	126,608	-2.1
Coated & Bonded Abrasives	1,798	1,431	+25.6	22,573R	23,456	-3.8	1,862	1,228	+51.6	23,014R	24,739	-7.0
Friction Materials	1,705	2,287	-25.4	26,120R	35,281	-26.0	1,549	2,390	-35.2	26,216R	35,023	-25.1
Insulation Materials	35,778	20,007	+78.8	409,512	306,974	+33.4	35,807	20,415	+75.4	408,656	305,972	+33.6
Foundry & Shell Molding	5,764	6,051	-4.7	79,635	80,671	-1.3	5,918	6,572	-10.0	82,640	83,323	-0.8
Plywood	107,040	108,914	-1.7	1,282,879R	1,318,795	-2.7	105,692	108,337	-2.4	1,273,263R	1,312,124	-3.0
Fibrous & Granulated Wood	17,100	14,799	+15.5	219,255R	183,886	+19.2	16,914	14,302	+18.3	218,632R	183,510	+19.1
Resins Sold to Rubber Industry	2,097	1,898	+10.5	31,779	30,123	+5.5	2,937	2,600	+13.0	35,379	34,152	+3.6
All Other	12,024	5,258	+128.7	157,277R	62,130	+153.1	12,896	6,163	+109.2	167,566R	72,465	+131.2
Protective Coatings — Unmodified & Modified	1,813	1,480	+22.5	22,982	22,144	+3.8	2,000	1,597	+25.2	24,654	24,818	-0.7
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	5,337	3,568	+49.6	46,103	37,070	+24.4	6,111	3,376	+81.0	47,058	37,248	+26.3

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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D = Disclosure
R = Revision

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	779,295	770,970	+1.1	8,777,650R	8,416,086	+4.3	738,630	641,078	+15.2	8,883,779R	8,412,665	+5.6
Total Exports	70,971	93,082	-23.8	1,117,997R	974,337	+14.7						
Total Domestic	708,324	677,888	+4.5	7,659,653R	7,441,749	+2.9						
Film (12 Mils & Below)	439,690	439,057	+0.1	4,777,345R	4,688,549	+1.9						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	52,649	49,687	+6.0	583,195R	612,064	-4.7						
Wire & Cable	20,138	21,286	-5.4	337,272R	368,336	-8.4						
Extrusion Coating	57,388	54,941	+4.5	649,352R	639,774	+1.5						
Blow Molding	4,522	3,813	+18.6	47,126	42,726	+10.3						
Pipe & Conduit, Total	1,115	1,905	-41.5	28,498	26,756	+6.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,596	6,876	+54.1	102,880R	94,534	+8.8						
All Other Uses	122,226	100,323	+21.8	1,133,985R	969,010	+17.0						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	638,007	503,318	+26.8	6,641,734R	5,948,998	+11.6	581,500	442,328	+31.5	6,663,683	6,085,132	+9.5
Total Exports	97,258	56,184	+73.1	874,793R	695,807	+25.7						
Total Domestic	540,749	447,134	+20.9	5,766,941R	5,253,191	+9.8						
Film (12 Mils & Below)	40,199	32,900	+22.2	437,708	371,183	+17.9						
Sheet (Over 12 Mils)	16,064	9,705	+65.5	140,538	120,625	+16.5						
Injection Molding	146,766	90,773	+61.7	1,509,825R	1,190,552	+26.8						
Wire & Cable	7,405	9,185	-19.4	113,316R	122,830	-7.7						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	207,053	165,487	+25.1	2,246,747R	2,079,344	+8.1						
Pipe & Conduit, Total	39,055	34,632	+12.8	478,682R	473,047	+1.2						
Corrugated Pipe & Conduit	3,778	8,887	-57.5	115,590	136,463	-15.3						
Non-Corrugated Pipe & Conduit	35,277	25,745	+37.0	363,092R	336,584	+7.9						
Other Extruded Products	1,624	3,728	-56.4	36,469R	44,557	-18.2						
All Other Uses	82,583	100,724	-18.0	803,656R	851,053	-5.6						

(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
POLYPROPYLENE, TOTAL	495,056	391,145	+26.6	5,275,109R	4,816,357	+9.5	433,315	407,414	+6.4	5,142,101R	4,939,859	+4.1
Total Exports	85,033	83,941	+1.3	874,676	781,919	+11.9						
Total Domestic	410,023	307,204	+33.5	4,400,433R	4,034,438	+9.1						
Injection Molding	103,456	88,238	+17.2	1,274,399R	1,290,071	-1.2						
Appliances	7,814	8,838	-11.6	113,914	120,501	-5.5						
Consumer Products	27,183	18,888	+43.9	310,159	291,841	+6.3						
Rigid Packaging	31,341	20,229	+54.9	386,872R	360,458	+7.3						
Transportation	25,979	26,638	-2.5	339,867	315,751	+7.6						
All Other Injection Molding	11,139	13,645	-18.4	123,587R	201,520	-38.7						
Blow Molding	9,083	6,305	+44.1	104,658	105,286	-0.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	33,487	30,912	+8.3	389,126R	400,526	-2.8						
Sheet (Over 10 Mils)	3,782	2,894	+30.7	43,655	51,844	-15.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	130,474	100,688	+29.6	1,432,623R	1,338,283	+7.0						
Textile Applications	111,512	*		1,226,900R	*							
Non-Textile Monofilaments	18,962	*		205,723	*							
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	6,463	7,261	-11.0	88,608	111,858	-20.8						
Resellers & Compounders	97,731	51,615	+89.3	855,606R	576,184	+48.5						
All Other Uses	25,547	19,291	+32.4	211,758R	160,386	+32.0						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	80,516	91,912	-12.4	1,010,418	1,098,486	-8.0	84,318	85,558	-1.4	1,027,739	1,128,333	-8.9
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	4,871	5,023	-3.0	84,660	88,431	-4.3	6,879	6,057	+13.6	93,127	99,194	-6.1
Total Exports	351	438	-19.9	9,282	10,827	-14.3						
Total Domestic	4,520	4,585	-1.4	75,378	77,604	-2.9						
POLYSTYRENE RESINS, TOTAL	359,819	290,821	+23.7	4,093,010R	3,835,620	+6.7	354,361	316,107	+12.1	4,053,046R	3,838,498	+5.6
Straight Polystyrene	185,671	168,658	+10.1	2,125,171R	2,009,890	+5.7	194,015	173,074	+12.1	2,148,160R	2,025,212	+6.1
Rubber-Modified Polystyrene	174,148	122,163	+42.6	1,967,839	1,825,730	+7.8	160,346	143,033	+12.1	1,904,886	1,813,286	+5.1
Total Exports	7,418	14,432	-48.6	80,795	100,560	-19.7						
Straight Polystyrene	4,913	3,789	+29.7	46,930	50,825	-7.7						
Rubber-Modified Polystyrene	2,505	10,643	-76.5	33,865	49,735	-31.9						
Total Domestic	352,401	276,389	+27.5	4,012,215R	3,735,060	+7.4						
Molding	121,330	102,437	+18.4	1,402,680R	1,435,534	-2.3						
Extrusion	152,613	111,526	+36.8	1,725,045	1,468,268	+17.5						
Expandable Polystyrene Beads	48,947	39,422	+24.2	520,807R	486,530	+7.0						
All Other Uses	29,511	23,004	+28.3	363,683	344,728	+5.5						
Polystyrene End Uses, Total**	352,401	276,389	+27.5	4,012,215R	3,735,060	+7.4						
Packaging	77,904	74,527	+4.5	939,041	988,442	-5.0						
Disposables	39,201	32,942	+19.0	479,025	488,618	-2.0						
Consumer and Institutional Products	52,602	43,950	+19.7	653,485	553,963	+18.0						
Electrical/Electronics	23,195	20,806	+11.5	307,492	301,781	+1.9						
Furniture, Furnishings, Building & Construction	10,146	14,227	-28.7	147,504	179,408	-17.8						
Expandable Polystyrene Beads	48,947	39,422	+24.2	520,807R	486,530	+7.0						
Resellers and Compounders	51,223	*		536,641	*							
All Other End Uses	49,183	50,515	-2.6	428,220R	736,318	-41.8						

** = Portions of the End Use Section are estimated.

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THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL*** **	54,186	57,912	-6.4	778,427R	748,996	+3.9	51,770	61,596	-16.0	736,163	745,109	-1.2
Paper Treating	2,317	2,089	+10.9	34,067R	24,400	+39.6						
Textile Treating	1,175	1,243	-5.5	15,898R	15,483	+2.7						
Carpet Backing	19,771	23,929	-17.4	303,400R	315,811	-3.9						
All Other Uses (Including Exports & Paper Coating)	30,923	30,651	+0.9	425,062R	393,302	+8.1						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene *	19,485	20,725	-6.0	262,612	233,236	+12.6	17,590	21,543	-18.3	271,944	253,670	+7.2
Total Export	D	D		D	D							
Total Domestic	19,485	20,725	-6.0	262,612	233,236	+12.6						
Molding & Extrusion	15,987	16,778	-4.7	208,227	178,846	+16.6						
Coatings	3,498	3,947	-11.4	54,385	54,590	-0.4						
NYLON RESINS, TOTAL	32,025	28,719	+11.5	402,850R	389,039	+3.6	34,103	23,842	+43.0	398,345	396,153	+0.6
Total Exports	2,256	2,283	-1.2	24,376R	25,694	-5.1						
Total Domestic	29,769	26,436	+12.6	378,474R	363,345	+4.2						
Injection Molding Grade	20,604	18,227	+13.0	251,280R	243,050	+3.4						
Extrusion Grade	6,972	6,318	+10.4	100,419R	94,536	+6.2						
Resellers and Compounders	1,550	1,322	+17.2	18,429	19,162	-3.8						
All Other Uses	643	569	+13.0	8,346	6,597	+26.5						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

** = Sales and Captive Use figures include some Canadian produced material.

* = Exports are included in Total Domestic and Molding & Extrusion.

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THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	598,450	583,068	+2.6	6,700,806	6,798,434	-1.4	589,427	614,855	-4.1	6,750,893	6,759,959	-0.1
Homopolymer Resins Including Blending & Latex	548,081	530,946	+3.2	6,073,573	6,121,620	-0.8	534,932	559,425	-4.4	6,122,143	6,070,564	+0.8
Copolymer Resins Including Blending & Latex	16,279	20,423	-20.3	252,815	290,186	-12.9	17,020	22,374	-23.9	255,476	291,546	-12.4
Dispersion Resins	34,090	31,699	+7.5	374,418	386,628	-3.2	37,475	33,056	+13.4	373,274	397,849	-6.2
Total Exports	30,662	44,367	-30.9	291,669	378,763	-23.0						
Total Domestic	567,788	538,701	+5.4	6,409,137	6,419,671	-0.2						
Calendering, Total	65,323	48,599	+34.4	686,366	719,927	-4.7						
Flooring	14,142	10,998	+28.6	160,832	172,804	-6.9						
Textile	8,191	5,606	+46.1	71,406	90,986	-21.5						
All Other Calendering Uses	42,990	31,995	+34.4	454,128	456,137	-0.4						
Coating, Total	26,890	31,054	-13.4	300,953	349,778	-14.0						
Flooring	11,970	17,458	-31.4	124,016	145,823	-15.0						
Textile & Paper Coating	8,947	6,131	+45.9	92,081	107,202	-14.1						
Protective Coatings	3,470	3,340	+3.9	45,656	43,493	+5.0						
Adhesives & All Other Coating Uses	2,503	4,125	-39.3	39,200	53,260	-26.4						
Extrusion, Total	400,572	373,737	+7.2	4,467,532	4,329,795	+3.2						
Wire & Cable	39,451	31,636	+24.7	451,352	411,316	+9.7						
Film & Sheet	18,376	37,518	-51.0	226,757	349,971	-35.2						
Siding	38,570	*		466,562	*							
Rigid Pipe & Tubing (Except Fittings)	258,336	253,097	+2.1	2,794,859	2,900,817	-3.7						
All Other Extrusions	45,839	51,486	-11.0	528,002	667,691	-20.9						
Molding, Total	37,213	35,878	+3.7	465,555	464,360	+0.3						
Bottles	11,916	13,176	-9.6	162,663	186,130	-12.6						
Sound Records	5,816	6,212	-6.4	67,569	75,249	-10.2						
Fittings (Rigid Pipe & Tubing)	11,618	10,480	+10.9	159,669	122,081	+30.8						
All Other Molding	7,863	6,010	+30.8	75,654	80,900	-6.5						
Paste Processes (Except Coating)	11,143	10,632	+4.8	156,022	169,147	-7.8						
Plastisol Formulation	5,220	5,631	-7.3	77,398	93,245	-17.0						
All Other	5,923	5,001	+18.4	78,624	75,902	+3.6						
Resellers & Compounders	10,573	13,138	-19.5	101,395	166,918	-39.3						
All Other Uses	16,074	25,663	-37.4	231,314	219,746	+5.3						

* = 1984 monthly data not available

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DECEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	45,904	47,184	-2.7	674,176	690,375	-2.3						
Total Exports	390	532	-26.7	6,124	6,976	-12.2						
Total Domestic	45,514	46,652	-2.4	668,052	683,399	-2.2						
Emulsion Paints	13,056	12,209	+6.9	204,497	203,282	+0.6						
Adhesives, Caulks and Sealants	17,323	19,071	-9.2	262,437	275,002	-4.6						
Paper Treating & Paper Coating	8,482	9,000	-5.8	110,969	119,528	-7.2						
Textile Treating	2,514	1,875	+34.1	31,964	25,924	+23.3						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,139	4,497	-8.0	58,185	59,663	-2.5						
POLYVINYL ALCOHOL, TOTAL #	12,158	11,222	+8.3	145,870	138,757	+5.1	12,728	5,650	+125.3	138,352	138,465	0.0
Total Exports	3,657	3,787	-3.4	30,875	29,793	+3.6						
Total Domestic	8,501	7,435	+14.3	114,995	108,964	+5.5						
OTHER VINYL RESINS*, TOTAL	15,857	15,843	0.0	187,891	186,619	+0.7	16,504	14,744	+11.9	189,699	187,209	+1.3
Total Exports	3,786	5,505	-31.2	47,808	47,223	+1.2						
Total Domestic	12,071	10,338	+16.8	140,083	139,396	+0.5						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	86,705	75,133	+15.4	955,732R	859,478	+11.2	86,647	71,876	+20.6	964,675	899,115	+7.3
Total Exports	10,856	11,255	-3.5	114,031R	99,162	+15.0						
Total Domestic	75,849	63,878	+18.7	841,701R	760,316	+10.7						
PET Bottle Grades	56,202	48,469	+16.0	622,098R	534,872	+16.3						
All Other Thermoplastic Polyester**	19,647	15,409	+27.5	219,603R	225,444	-2.6						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

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